

CRF Errors Corrected by the STIC S<sup>t</sup> ms BranchCRF Processing Date: 7/25/2002  
Edited by: AN  
Verified by: AN (STIC staSerial Number: 09/100,349 Changed a file from non-ASCII to ASCII**ENTERED** Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was  the prior application data; or  other AUG 01 2002 Added the mandatory heading and subheadings for "Current Application Data". TECH CENTER 1600/2900 Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted:  non-ASCII "garbage" at the beginning/end of files;  secretary initials/filename at end of file;  page numbers throughout text;  other invalid text, such as \_\_\_\_\_ Inserted mandatory headings, specifically: \_\_\_\_\_ Corrected an obvious error in the response, specifically: 1517 responses Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_ Other:

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

RECEIVED

AUG 01 2002



TECH CENTER 1600/2900

1600

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/700,349DATE: 07/25/2002  
TIME: 21:40:08Input Set : A:\Pto.amc  
Output Set: N:\CRF3\07252002\I700349.raw

3 <110> APPLICANT: MAX-PLANCK-GESELLSCHAFT ZUR FTRDERUNG DER WISSENSCHAFTEN E.V.  
 4       WOLFGANG ROHDE, BUSECK  
 5       DIRK PRUFER, KOLN  
 6       ECKHARD TACKE, EBSTORF  
 7       PETER PASEMANN. KOLN  
 8       FRANCESCO SALAMINI, KOLN  
 10 <120> TITLE OF INVENTION: METHOD FOR PRODUCING PLANTS HAVING AN INCREASED TOLERANCE  
 AGAINST  
 11       DROUGHT AND/OR FUNGAL ATTACK AND/OR INCREASED SALT CONCENTRATIONS  
 12       AND/OR EXTREME TEMPERATURE BY THE EXPRESSION OF PLASMODESMATA-  
 13       LOCALIZED PROTEINS  
 15 <130> FILE REFERENCE: 009848-0276439  
 17 <140> CURRENT APPLICATION NUMBER: 09/700,349  
 C--> 18 <141> CURRENT FILING DATE: 2001-03-16  
 20 <150> PRIOR APPLICATION NUMBER: PCT/EP99/03291  
 21 <151> PRIOR FILING DATE: 1999-05-12  
 23 <150> PRIOR APPLICATION NUMBER: 98108726.5  
 24 <151> PRIOR FILING DATE: 1998-05-13  
 26 <160> NUMBER OF SEQ ID NOS: 3  
 28 <170> SOFTWARE: PatentIn Ver. 3.0  
 30 <210> SEQ ID NO: 1  
 31 <211> LENGTH: 20  
 32 <212> TYPE: PRT  
 33 <213> ORGANISM: Artificial Sequence  
 35 <220> FEATURE:  
 36 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic, no natural  
 origin  
 38 <400> SEQUENCE: 1  
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 41       1                   5                   10                   15  
 43 Ser Arg Thr Ser  
 44                   20  
 47 <210> SEQ ID NO: 2  
 48 <211> LENGTH: 550  
 49 <212> TYPE: DNA  
 50 <213> ORGANISM: Artificial Sequence  
 53 <220> FEATURE:  
 54 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic, no natural  
 origin  
 56 <220> FEATURE:  
 57 <221> NAME/KEY: CDS  
 58 <222> LOCATION: (11)..(538)  
 60 <400> SEQUENCE: 2  
 62 ctcgagaaca atg gca gag ctc gga tcc gga tcc gag ctc cac cgc ggt      49

63 Met Ala Glu Leu Gly Ser Gly Ser Glu Leu His Arg Gly  
64 1 5 10

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66 ggc ggc cgc tct aga act agt acg tca acg gtg gtg tac aac aac caa 97  
67 Gly Gly Arg Ser Arg Thr Ser Thr Ser Thr Val Val Tyr Asn Asn Gln  
68 15 20 25  
70 gga ggc gaa gaa ggc aat ccc ttc gca ggc gcg cta aca gag ttc agc 145  
71 Gly Gly Glu Glu Gly Asn Pro Phe Ala Gly Ala Leu Thr Glu Phe Ser  
72 30 35 40 45  
74 cag tgg tta tgg tca cgg cct ctg ggc aac cca ggc gaa gac gta 193  
75 Gln Trp Leu Trp Ser Arg Pro Leu Gly Asn Pro Gly Ala Glu Asp Val  
76 50 55 60  
78 gaa gag gag gca atc gcc gct caa gaa ctg gag ttc ccc gag gac 241  
79 Glu Glu Ala Ile Ala Ala Gln Glu Glu Leu Glu Phe Pro Glu Asp  
80 65 70 75  
82 gag gct caa gcg aga cat tcg tgt tta caa agg aca acc tca tgg gca 289  
83 Glu Ala Gln Ala Arg His Ser Cys Leu Gln Arg Thr Thr Ser Trp Ala  
84 80 85 90  
86 act ccc aag gaa gtt tca cct tcg ggc cga gtc tat cag act gtc cgg 337  
87 Thr Pro Lys Glu Val Ser Pro Ser Gly Arg Val Tyr Gln Thr Val Arg  
88 95 100 105  
90 cat tca agg atg gaa tac tca agg cct acc atg agt ata aga tca caa 385  
91 His Ser Arg Met Glu Tyr Ser Arg Pro Thr Met Ser Ile Arg Ser Gln  
92 110 115 120 125  
94 gca tct tac ttc agt tcg tca gcg agg cct ctt cca cct cct ccg gct 433  
95 Ala Ser Tyr Phe Ser Ser Ala Arg Pro Leu Pro Pro Pro Ala  
96 130 135 140  
98 cca tcg ctt atg agt tgg acc ccc att gca aag tat cat ccc tcc agt 481  
99 Pro Ser Leu Met Ser Trp Thr Pro Ile Ala Lys Tyr His Pro Ser Ser  
100 145 150 155  
103 cct acg tca aca agt tcc aaa tta cga agg gcg gcg cca aaa ctt atc 529  
104 Pro Thr Ser Thr Ser Ser Lys Leu Arg Arg Ala Ala Pro Lys Leu Ile  
105 160 165 170  
107 aag cgc gga tgataaggta cc 550  
108 Lys Arg Gly  
109 175  
112 <210> SEQ ID NO: 3  
113 <211> LENGTH: 176  
114 <212> TYPE: PRT  
115 <213> ORGANISM: Artificial Sequence  
117 <220> FEATURE:  
118 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic, no natural  
origin  
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125 Ser Arg Thr Ser Thr Ser Thr Val Val Tyr Asn Asn Gln Gly Gly Glu  
126 20 25 30  
128 Glu Gly Asn Pro Phe Ala Gly Ala Leu Thr Glu Phe Ser Gln Trp Leu  
129 35 40 45  
131 Trp Ser Arg Pro Leu Gly Asn Pro Gly Ala Glu Asp Val Glu Glu Glu  
132 50 55 60  
134 Ala Ile Ala Ala Gln Glu Leu Glu Phe Pro Glu Asp Glu Ala Gln

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141	Glu	Val	Ser	Pro	Ser	Gly	Arg	Val	Tyr	Gln	Thr	Val	Arg	His	Ser	Arg
142						100			105						110	
144	Met	Glu	Tyr	Ser	Arg	Pro	Thr	Met	Ser	Ile	Arg	Ser	Gln	Ala	Ser	Tyr
145							115		120						125	
147	Phe	Ser	Ser	Ser	Ala	Arg	Pro	Leu	Pro	Pro	Pro	Pro	Ala	Pro	Ser	Leu
148							130		135						140	
150	Met	Ser	Trp	Thr	Pro	Ile	Ala	Lys	Tyr	His	Pro	Ser	Ser	Pro	Thr	Ser
151	145						145		150			155			160	
153	Thr	Ser	Ser	Lys	Leu	Arg	Arg	Ala	Ala	Pro	Lys	Leu	Ile	Lys	Arg	Gly
154							165			165		170			175	

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/700,349

DATE: 07/25/2002

TIME: 21:40:09

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07252002\I700349.raw

L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date